

STABILOCK 4032

The instrument was not used for a few years - the consequence of that was a distorted picture and failure to perform the self-check (fig 1). While performing a few tests, we measured -0.3V instead of -15V while other voltage was normal (+5,15V and +15,0V PSU from MGV). This measurement, in combination with most reports leads us to suspect that there has been an issue with the electrolytic capacitors. As it turns out, both capacitors in the RF section of the instrument 4032 (with value 220 μ F/25V (C15/16, fig.2) were malfunctioning. As soon as they were replaced the device managed to successfully pass the self-check.



Fig. 1: Self check stuck in this point.

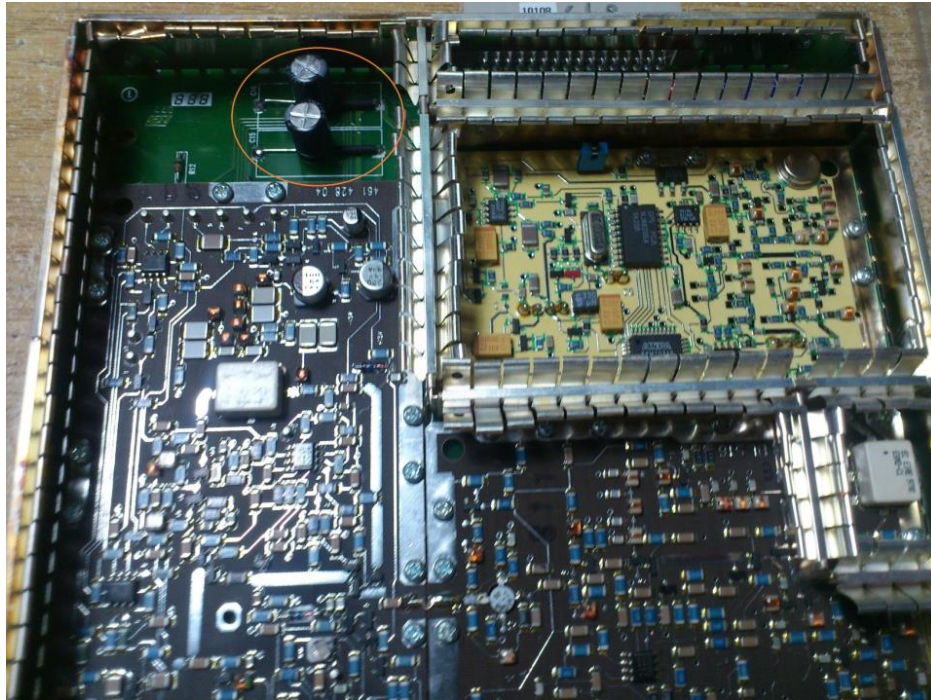


Fig.2: Fault capacitors 220 μ f/25V.

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